| TOTAL CLAIMS  FOR  NUMBER FILED  NUMBER EXTRA  TOTAL CHARGEABLE CLAIMS  minus 20= *  INDEPENDENT CLAIMS  minus 3 = *  MULTIPLE DEPENDENT CLAIM PRESENT  CLAIMS AS AMENDED - PART  ICOlumn 1 (Column 2)  CLAIMS AS AMENDED - PART  REMANENCE PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL  COlumn 1 (Column 2)  COlumn 3 PRESENT  AMENDMENT  REMANENCE PRESENTATION OF MULTIPLE DEPENDENT CLAIM  REMANENCE PRESENTATION OF MULTIPLE DEPENDENT CLAIM  REMANENCE PRESENTATION OF MULTIPLE DEPENDENT CLAIM  BEST AVAILABLE COPY  (Column 1)  (Column 2)  (Column 3)  CLAIMS  REMANENCE PRESENT PRESENT PRESENT PRESENT PREVIOUSLY PAID FOR AMENDMENT  REMANENCE PRESENTATION OF MULTIPLE DEPENDENT CLAIM  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  REMANENCE PRESENT CLAIM  RATE TOTAL  AMENDMENT  RATE TOTAL  ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  ADDIT FEE  TOTAL  ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  OR ADDIT FEE  X\$ 9= OR X\$48=  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR ADDIT FEE  TOTAL  |   | CLAIMS               |                  | ED - PART<br>lumn 1)        | (Column 2)                                     |            | L ENTIT      |        |                    | ER THAN  |
|--|---|----------------------|------------------|-----------------------------|--|------------|--------------|--------|--------------------|--|
| FOR NUMBER FILED NUMBER EXTRA  TOTAL CHARGEABLE CLAIMS minus 20= *  INDEPENDENT CLAIMS minus 3 = *  MULTIPLE DEPENDENT CLAIM PRESENT  I Street difference in column 1 is less than zero, enter '0' in column 2  * If the difference in column 1 is less than zero, enter '0' in column 2  * CLAIMS AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AMENDED - PART II  (Column 4) (Column 2) (Column 3)  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL  (COlumn 5) (Column 2) (Column 3)  * CLAIMS REMAINING AMENDED - PART PREVIOUSLY PAID FOR ADDIT. FEE  TOTAL OR TOTAL  OR TOTAL  OR TOTAL  OR TOTAL  OR X\$4=  TOTAL OR TOTAL  OR X\$4=  TOTAL OR TOTAL  OR X\$16=  OR X\$16=  OR X\$16=  TOTAL  OR X\$16=  TOTAL  OR ADDIT. FEE  OR X\$16=  OR X\$16=  TOTAL  OR ADDIT. FEE  OR X\$16=  OR X\$ | TOTAL CLAIR                                 | MS                   |                  |                             | (Oolullin 2)                                   |            |              |        |                    |  |
| TOTAL CHARGEABLE CLAIMS minus 20    INDEPENDENT CLAIMS minus 3    MULTIPLE DEPENDENT CLAIM PRESENT  If the difference in column 1 is less than zero, enter "0" in column 2  *If the difference in column 1 is less than zero, enter "0" in column 2  *If the difference in column 1 is less than zero, enter "0" in column 2  *CLAIMS AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)  *CLAIMS REMAINING NUMBER PREVIOUSLY  | FOR   |                      | NUM              | IBER FILED                  | NUMBER EXTRA                                   | <b>-</b>   |              |        |                    |  |
| INDEPENDENT CLAIMS minus 3 = " X42 OR X84 OR   | TOTAL CHARGEABLE CLAIMS                     |                      |                  | minus 20~                   | *  | 4          |              | -00    | `   <del></del>    | <del></del>                                      |
| MULTIPLE DEPENDENT CLAIM PRESENT  * If the difference in column 1 is less than zero, enter "0" in column 2  * If the difference in column 1 is less than zero, enter "0" in column 2  * CLAIMS AS AMENDED - PART II  * Column 1)   | NDEPENDENT                                  |                      |                  | *                           | 1 × × ×  | )=<br>     | 0            | X\$18= | :                  |  |
| If the difference in column 1 is less than zero, enter "0" in column 2  CLAIMS AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING REMAINING RATTER PREVIOUSLY PAID FOR TOTAL  AMENDMENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Total **  Minus ***  PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Total **  Minus ***  Independent **  Minus ***  PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Total **  Minus ***  Independent **  Minus **  Independent **  |   |                      | M PRESENT        |                             |  | X42        | =            | OF     | X84=               |  |
| CLAIMS AS AMENDED - PART II  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 8)  (Column 1)  (Column 2)  (Column 3)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 4)  (Column 5)  (Column 3)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 4)  (Column 5)  (Column 6)  (Column 6)  (Column 7)  (Column 7)  (Column 8)  (   |   |                      |                  |                             |  | +140       | =            | OF     | +280=              |  |
| Column 1   Column 2   Column 3   SMALL ENTITY OR SMALL ENTIT   | 'If the difference in column 1 is less than |                      |                  |                             |  | TOTA       | ıL.          | OF     | TOTAL              | <del>                                     </del> |
| CLAIMS REMAINING AFTER AMENDMENT  Total  Independent *   | 4   |                      |                  |                             | •  |            |              | _      |                    |  |
| AFTER AMENDMENT PREVIOUSLY PRESENT PRESENT PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Total * Minus *** D =   |   | CLAIMS               |                  | HIGHE                       | ST   | SMAL       |              |        | SMALL              |  |
| Column 1)   Column 2)   Column 3)   CLAIMS   REMAINING   AFTER   AMENDMENT   CLAIMS   CLAIMS   PREVIOUSLY   PREVIOUSLY   PRESENT   PRESENT   AMENDMENT   CLAIMS   CLAIMS   PREVIOUSLY   PREVIOUSLY   PRESENT   |   | AFTER<br>AMENDMEN    |                  | PREVIOL                     | JSLY EXTRA                                     | RATE       | TION         | L      | RATE               | ADDI-<br>TIONAL<br>FEE                           |
| Column 1   Column 2   Column 3   | Total                                       |                      |                  | ** 2                        | 0 =  | X\$ 9=     | /            | OR     | X\$18≑             |  |
| (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AMENDMENT  Total * Minus ***  BEST AVAILABLE COPY  (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AMENDMENT  RATE RATE RATE RATE RATE RATE RATE RA  | FIRST PRES                                  | ~~                   | 1                | _                           | -  | X42=       |              | OB     | X84=               |  |
| Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENOMENT  Total  Minus  **  Independent * Minus  CLAIMS REMAINING AFTER AMENOMENT  RATE  Independent * Minus  **  CLAIMS REMAINING AFTER AMENOMENT  RATE  RATE  RATE  RATE  TOTAL  ADDIT. FEE   ADDIT. FEE   TOTAL  ADDIT. FEE   ADDIT. FEE   ADDIT. FEE   ACTIONAL  FEE  X\$ 9=  OR  X\$ 18=  COR  ADDIT. FEE  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  ADDIT. FEE  OR   |   | CHIANON OF           | MULTIPLE         | JEPENDENI C                 | LAIM   | +140=      | 1/           |        | +280-              |  |
| COlumn 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT  Total * Minus ** =   | • .   |                      |                  |                             |  | TOTA       |              | ا'     | TOTAL              | - /  |
| CLAIMS REMAINING AFTER AMENDMENT  Total  * Minus  ***    FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Column 1   Column 2   Column 3  |   | (Column 1)           | No. open         | . (Column                   | 2) (Column 3)                                  | ADDIT. FE  | E            |        | ADDIT. FEE         | <u> </u>   |
| Total  |   | REMAINING<br>AFTER   |                  | HIGHES<br>NUMBE<br>PREVIOUS | R PRESENT<br>SLY EXTRA                         | RATE       | TIONAL       | ] [    | RATE               | ADDI-<br>TIONAL                                  |
| Independent * Minus *** = X42= OR X84=  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   | Total                                       |                      |                  |                             |  | X\$ 9=     | FEE          | 1_1    | V\$10_             | _FEE   |
| BEST AVAILABLE COPY  (Column 1) (Celumn 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Total  * Minus  **  **  **  **  **  **  **  **  **  |   | *                    |                  |                             |  |            | <del> </del> | 1 1    |                    | <del></del>                                      |
| (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT  Minus  **  Independent  Minus  **  Minus  **  Independent  Minus  Independent  Independent  Minus  Independent  | FIRST PRESE                                 | NTATION OF M         | MULTIPLE DI      | EPENDENT CL                 | AIM 🔲  | 7455       | <del> </del> | OR     | X84=               |  |
| (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT  Total  * Minus  **  Minus  Minus  **  Minus  | В   | EST AVA              | II ARI E         | E CODY                      |  |            |              | OR     |                    |  |
| CLAIMS REMAINING AFTER AMENDMENT  Total  * Minus  ** Min   |   |                      | (DCL             | - COPY                      |  | ADDIT. FEE |              | OR A   | TOTAL<br>DDIT. FEE |  |
| REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR PRESENT TONAL FEE TO NAL FEE   |   | (Column 1)           |                  |                             |  |            |              |        | •                  |  |
| Total * Minus ** E X\$ 9= OR X\$18=  Independent * Minus *** E X42= OR X84=  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  The entry in column 1 is less than the entry in column 2, write "0" in column 3.  The "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  TOTAL  |   | REMAINING<br>AFTER   |                  | NUMBER<br>PREVIOUS          | PRESENT EXTRA                                  | RATE       | TIONAL       |        | RATE               | ADDI-<br>TIONAL                                  |
| the entry in column 1 is less than the entry in column 2, write "0" in column 3.  the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  TOTAL   | Total                                       | •                    | Minua            | **                          | =  | X\$ 9=     |              |        | X\$18=             | _FEE   |
| the entry in column 1 is less than the entry in column 2, write "0" in column 3.  the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  TOTAL   |   | t.                   | <u> </u>         | 1                           |  |            |              |        |                    |  |
| the entry in column 1 is less than the entry in column 2, write "0" in column 3.  the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20 "  | FIR8T PRESE                                 | NTATION OF M         | ULTIPLE DE       | PENDENT CL                  | AIM  | 7425       |              | OR -   | A04=               |  |
| THE THERESE NUMBER PREVIOUSLY PAID FOR IN THIS SPACE IS less than 20 enter 20 " " " " " " " " " " " " " " " " " "  | <b>the entry in c</b> olur                  | nn 1 is iess than th | na antro in ordi | umn 9 velta 40° k           | n nohimma a                                    |            |              | OR ·   | +280=              |  |
| WIS TROUBUS NUMBER Provincedy David English Tulio POACE to being the ground to a COVID FEE   | nse lighest Kril                            | nder Previously Pa   | aid For" IN TH   | 18-8PACE in less            | than 90, enter "20 "                           | ADDIT. FEE |              | OR AD  | TOTAL<br>DIT. FEE  |  |
| the "Highest Number Previously Paid For" (N THIS SPACE is less than 3, enter "3."  ADDIT. FEE  | he "Highest Num                             | ber Previously Pal   | d For (Total o   | r independent) k            | r man 3, enter "3."<br>I the highest number fo |            | ropriate box |        |                    |  |
| PTO-075 (Rev. 8/01)  Patent and Trademark Office, U.S. DEFARTMENT OF COMME   |   |                      |                  |                             |  | •          |              | _ · ·  |                    |  |

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

P/12-816

|                         |                     | CLAIMS AS                                   | FILED        | - PART                        | i                            |                    | SMALL EI            | YTITY                                   |  | OTHER                                 | THAN                   |
|-------------------------|---------------------|---|--------------|-------------------------------|------------------------------|--------------------|---------------------|---|--|---------------------------------------|------------------------|
|                         |                     |   | (Colum       | n 1)                          | (Colu                        | mn 2)              | TYPE [              |   | OR                                     | SMALL                                 | ENTITY :               |
| TC                      | TAL CLAIMS          |   | 11           | /                             |                              |                    | RATE                | **FEE**                                 | 10000000000000000000000000000000000000 | ***RATE                               | FEE                    |
| FOR                     |                     | NUMBER FILED                                |              | NUMBER EXTRA                  |                              | BASIC FEE          | 355.00              | OR                                      | BASIC FEE                              | 710.00                                |                        |
| TOTAL CHARGEABLE CLAIMS |                     |   | // minus 20= |                               |                              |                    | X\$ 9=              |   | OR                                     | X\$18=                                | , 1                    |
| IND                     | EPENDENT CL         | AIMS  | i            | inus 3 =                      | *                            |                    | X40=                |   | OR                                     | X80= ·                                |                        |
| MU                      | LTIPLE DEPEN        | DENT CLAIM PR                               | RESENT       |                               |                              |                    | +135=               |   | OR                                     | +270=                                 | , a                    |
| * If                    | the difference      | in column 1 is l                            | less than z  | zero, enter                   | r "0" in c                   | olumn 2            | TOTAL               | -                                       | OR                                     | TOTAL                                 | 7/0                    |
|                         | C                   | LAIMS AS A                                  | MENDE        | D - PAR                       | T II                         |                    | • • •               | i⊕                                      | and the na                             | ÖTHER                                 | THAN                   |
|                         |                     | (Column 1)                                  |              | (Colur                        | mn 2)                        | (Column 3)         | SMALL               | ENTITY                                  | OR                                     | SMALL                                 |                        |
| AMENDMENT A             |                     | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   |              | HIGH<br>NUM<br>PREVIO<br>PAID | BER<br>DUSLY                 | PRESENT<br>EXTRA   | RATE                | ADDI-<br>TIONAL<br>FEE                  | 1                                      | RATE                                  | ADDI-<br>TIONAL<br>FEE |
| MON                     | Total               | •   | Minus        | **                            |                              | =                  | X\$ 9=              |   | OR                                     | X\$18=                                |                        |
| ME                      | Independent         | • 0   | Minus        | ***                           |                              | = ,                | X40=                |   | OR                                     | X80=                                  |                        |
|                         |                     | NTATION OF MU                               |              |                               | CLAIM                        |                    | 125_                |   | <b>~</b>                               | ∾+270= ·                              | ·                      |
|                         | BEST                | T AVAILAE                                   | BLE C        | OPT                           | , !                          | · .                | +135=<br>TOTAL      | , , ,                                   | OR                                     | TOTAL                                 |                        |
|                         |                     |   |              | 1                             | . •                          |                    | ADDIT. FEE          |   | OR                                     | ADDIT. FEE                            | le stilling            |
|                         | * *                 | (Column 1)                                  |              | (Colu                         |                              | (Column 3)         |                     | :                                       | . ;                                    | (A)                                   |                        |
| ENT B                   |                     | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   |              | HIGH<br>NUM<br>PREVI<br>PAID  | IBER<br>OUSLY                | PRESENT<br>EXTRA   | RATE                | ADDI-<br>TIONAL<br>FEE                  | ,                                      | RATE                                  | ADDI-<br>TIONAL<br>FEE |
| MENDMENT                | Total               | •   | Minus        | **                            |                              | =                  | X\$ 9=              |   | OR                                     | X\$18=                                |                        |
| ME                      | Independent         |   | Minus        | ***                           |                              | =                  | X40=                | a 12. 34%                               | OR                                     | ⊭∴X80=                                |                        |
| 4 ;                     | FIRST PRESE         | NTATION OF MU                               | JLTIPLE DI   | PENDENT                       | CLAIM                        |                    |                     | F 1                                     |  | 7                                     | 1                      |
|                         | •                   |   |              |                               |                              |                    | +135=               |   | OR                                     | +270=                                 |                        |
|                         |                     |   |              |                               |                              |                    | TOTAL<br>ADDIT. FEE |   | OR                                     | TOTAL ADDIT. FEE                      |                        |
|                         |                     | (Column 1)                                  |              | (Colu                         | mn 2)                        | (Column 3)         |                     |   | e<br>South                             |                                       |                        |
| NTC                     |                     | CLAIMS ,<br>REMAINING<br>AFTER<br>AMENDMENT |              | PREVI                         | HEST<br>IBER<br>OUSLY<br>FOR | PRESENT<br>EXTRA   | RATE                | ADDI-<br>TIONAL<br>FÉE                  |  | RATE                                  | ADDI-<br>TIONAL        |
| E                       | Total 🦢 🔎           | •   | Minus        | **                            |                              | = 1 5 1            | X\$ 9=*             | ***                                     | ÖΑ                                     | #X\$18 <b>=</b> ∎                     | 14//                   |
| AMENDMENT               | Independent         | •   | Minus        | ***                           |                              | =                  | X40=                | 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | \$ v                                   | -X80= ∗                               | Ú.                     |
| ٩                       | FIRST PRESE         | NTATION OF M                                | ULTIPLE D    | EPENDEN                       | T CLAIM                      |                    | 740-                | An American                             | OR                                     | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                        |
| ٠                       |                     |   | н            |                               |                              |                    | +135=               | V W                                     | OR.                                    | +270=                                 |                        |
| **                      | If the "Highest Nu  | ımn 1 is less than t<br>ımber Previously P  | aid For IN T | HIS SPACE                     | is less tha                  | an 20, enter "20." | TOTAL<br>ADDIT, FEE | المراهد و الما                          | OR                                     | TOTAL<br>ADDIT, FEE                   | - STEWART              |
| *                       | "If the "Highest No | umber Previously P<br>mber Previously Pa    | aid For IN T | 'HIS SPACE                    | is less th                   | an 3, enter "3."   |                     | propriate bo                            | x in co                                | を 一般 はいかい                             |                        |